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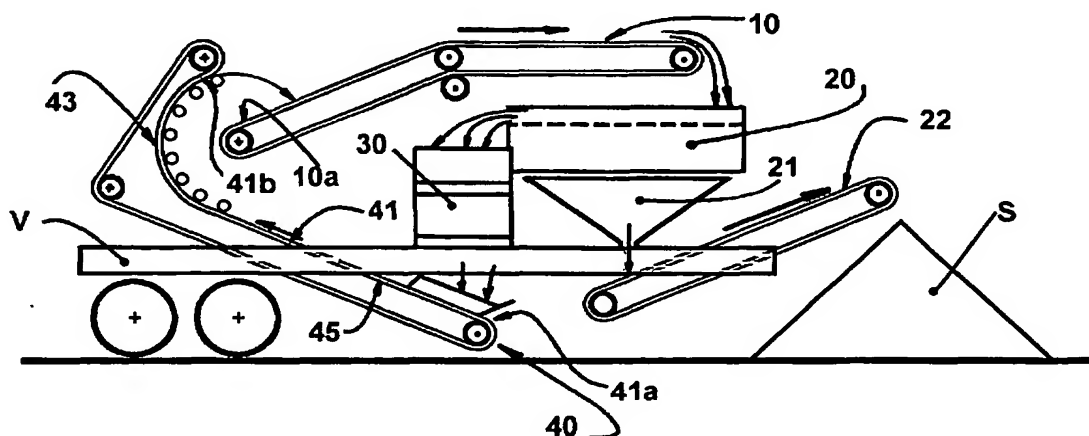
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(54) Title: BELT CONVEYOR AND CRUSHING UNIT



(57) **Abstract:** A belt conveyor and a crushing unit comprising a conveying upper run presenting a feed end and a discharge end, and a return lower run, said conveying upper end comprising a curved extension (43), which is concave and ascending and presents an inlet lower portion (43a) and an outlet upper portion (43b) of the conveying upper run (41), where the belt conveyor imparts to the material a path that is substantially coplanar and opposite in relation to that imparted to the material in the inlet portion (43a), said ascending curved path presenting at a determined belt speed, a centrifugal force sufficient to maintain said material seated against the curved extension (43) of the conveying upper run (41) until reaching the discharge end (41b).



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